

Attachment G. Results of statistical tests.

T-Test

Arsenic – comparison of depths

Paired Samples Statistics

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 Value Depth 1	15.673	599	32.6353	1.3334
Value Depth 2	16.910	599	37.0281	1.5129

Paired Samples Correlations

	N	Correlation	Sig.
Pair 1 Value Depth 1 & Value Depth 2	599	.839	.000

Paired Samples Test

	Paired Differences					t	
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference			
				Upper	Lower		
Pair 1 Value Depth 1 - 1 Value Depth 2	-1.237	20.2268	.8264	-2.860	.386	-1.497	

Paired Samples Test

	df	Sig. (2-tailed)
Pair 1 Value Depth 1 - 1 Value Depth 2	598	.135

Lead – comparison of depths

Paired Samples Statistics

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 Value Depth 1	38.228	601	62.2233	2.5381
Value Depth 2	32.257	601	60.6141	2.4725

Paired Samples Correlations

	N	Correlation	Sig.
Pair 1 Value Depth 1 & Value Depth 2	601	.719	.000

Paired Samples Test

	Paired Differences					t	
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference			
				Upper	Lower		

Pair	Value Depth 1 -	2.971	46.0444	1.8782	-.718	6.659	1.582
1	Value Depth 2						

Paired Samples Test

		df	Sig. (2-tailed)
Pair	Value Depth 1 -		
1	Value Depth 2	600	.114